

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

1-38. (cancelled)

39. (new) An isolated nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

- a) a nucleotide sequence as set forth in Figure 2A (SEQ ID NO: 6);
- b) a nucleotide sequence encoding a polypeptide as set forth in Figure 2A (SEQ ID NO: 7) from residues 1-322 or from residues 47-322;
- c) a nucleotide sequence of (b) encoding a polypeptide fragment of at least about 75 amino acid residues of SEQ ID NO: 7, wherein the polypeptide fragment has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1;
- d) a nucleotide sequence complementary to any of (a), (b), or (c);

40. (new) An isolated nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

- a) a nucleotide sequence as set forth in Figure 3A (SEQ ID NO: 11);
- b) a nucleotide sequence encoding a polypeptide as set forth in Figure 3A (SEQ ID NO: 12) from residues 1-288 or from about residues 19-288, 20-288, 21-288, 22-288, 24-288, or 28-288, wherein the polypeptide has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1;
- c) a nucleotide sequence complementary to any of (a) or (b),

wherein the nucleotide sequence is not the nucleotide sequence of GenBank Accession No. AB014533.

41. (new) An isolated nucleic acid molecule comprising a nucleotide sequence selected from the group consisting of:

- a) a nucleotide sequence as set forth in Figure 12A (SEQ ID NO:16);
- b) a nucleotide sequence encoding a polypeptide as set forth in Figure 12A (SEQ ID NO: 17) from residues 1-302, or from about residues 19-302, 20-302, 21-302, 22-302, 24-302, or 28-302, wherein the polypeptide has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1;
- c) a nucleotide sequence complementary to any of (a) or (b).

42. (new) An isolated nucleic acid molecule comprising the nucleotide sequence as set forth in Figure 3A (SEQ ID NO: 11) wherein the nucleotide sequence is not the nucleotide sequence of GenBank Accession No. AB014533.

43. (new) An isolated nucleic acid molecule comprising the nucleotide sequence as set forth in Figure 12A (SEQ ID NO: 16).

44. (new) An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide as set forth in Figure 3A (SEQ ID NO: 12) from residues 1-288, 19-288, 20-288, 21-288, 22-288, 24-288, or 28-288, wherein the polypeptide has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1 and wherein the nucleotide sequence is not the nucleotide sequence of GenBank Accession No. AB014533.

45. (new) An isolated nucleic acid molecule comprising a nucleotide sequence encoding a polypeptide as set forth in Figure 12A (SEQ ID NO:17) from residues 1-302 or from about residues 19-302, 20-302, 21-302, 22-302, 24-302 or 28-302.

46. (new) An isolated nucleic acid molecule encoding a polypeptide as set forth in Figure 12A (SEQ ID NO: 17) comprising an amino terminus at about residue 1, 19, 20, 21, 22, 24, or 28; wherein the polypeptide has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1.

47. (new) An isolated nucleic acid molecule encoding a polypeptide as set forth in Figure 12A (SEQ ID NO: 17) comprising a carboxy terminus at residue 302, wherein the polypeptide has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1.

48. (new) An isolated nucleic acid molecule consisting of a nucleic acid sequence as set forth in Figure 12A (SEQ ID NO: 16).

49. (new) An isolated nucleic acid molecule comprising a nucleotide sequence encoding the extracellular domain of B7RP1 as set forth in Figure 12A (SEQ ID NO:17) or a fragment thereof, wherein the polypeptide fragment has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1 and wherein the nucleotide sequence is not the nucleotide sequence of GenBank Accession No. AB014533 or GenBank Accession No. R23544.

50. (new) An isolated nucleic acid molecule encoding a polypeptide comprising a fragment of at least about 50 amino acid residues, wherein the fragment comprises part of the amino acid sequence as set forth in Figure 12A (SEQ ID NO:17) and has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1, and wherein the nucleotide sequence is not the nucleotide sequence of GenBank Accession No. AB014533 or GenBank Accession No. R23544.

51. (new) An isolated nucleic acid molecule encoding a polypeptide comprising a fragment of at least about 50 amino acid residues, wherein the fragment comprises an amino acid sequence that is at least about 95% identical to an amino acid sequence as set forth in Figure 12A (SEQ ID NO:17) and has at least one activity selected from a T-cell proliferation activity, a T-cell activation activity, and a binding activity to CRP1, and wherein the nucleotide sequence is not the nucleotide sequence of GenBank Accession No. AB014533 or GenBank Accession No. R23544.

52. (new) A nucleic acid molecule comprising a nucleotide sequence of Claim 39 which is operably linked to a heterologous expression control sequence.

53. (new) A nucleic acid molecule comprising a nucleotide sequence of Claim 40 which is operably linked to a heterologous expression control sequence.

54. (new) A nucleic acid molecule comprising a nucleotide sequence of Claim 41 which is operably linked to a heterologous expression control sequence.

55. (new) A host cell comprising the nucleic acid molecule of Claims 52, 53 or 54.

56. (new) The host cell of Claim 55 which is a eucaryotic cell.

57. (new) The host cell of Claim 55 which is a procaryotic cell.

58. (new) A process for producing a polypeptide comprising growing a culture of the host cell of Claim 55 in suitable culture medium and isolating the polypeptide from the culture.